

**AMENDMENTS TO THE CLAIMS:**

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

**LISTING OF CLAIMS:**

1. – 3. (Cancelled).

4. (Currently amended) The ~~sheet~~sheet-like chemical cell of claim ~~14~~14, wherein said ~~anode~~anode and ~~cathode~~cathode plates are porous membranes prepared by a slurry containing catalyst-carrying carbon powder, electrolyte, and solvent.

5. (Currently amended) The ~~sheet~~sheet-like chemical cell of claim 4, wherein ~~the~~ catalyst of said ~~anode~~anode plate is made of a Pt-Ru alloy or an alloy including Pt-Ru as ~~the~~ main ingredient and ~~the~~ catalyst of said ~~cathode~~cathode plate is made of a Pt alloy or an alloy including Pt as ~~the~~ main ingredient.

6. – 8. (Cancelled).

9. (Withdrawn) A fuel cell assembly having the sheet-like chemical cell of claim 1 on either or both of the surfaces of a fuel supply section including a porous material which diffuses liquid fuel by the capillary action with said anode plate in contact with said fuel supply section.

10. (Withdrawn) A fuel cell assembly having a plurality of unit cells formed on a single electrolyte membrane.

11. (Withdrawn) The fuel cell assembly of claim 10, wherein the anode side of said unit cell is placed to be in contact with either or both of the surfaces of a fuel supply section including a porous material which diffuses liquid fuel by the capillary action.

12. and 13. (Cancelled).

14. (New) A sheet chemical cell comprising an electrolyte membrane having slots, a plurality of anodes for oxidizing fuel, formed on one face of the membrane, a plurality of cathodes for reducing oxygen, formed on the other face of the membrane and constituting pairs with respective anodes, a plurality of first wiring plates covering the respective anodes, and a plurality of second wiring plates covering respective cathodes, wherein the first wiring plates and the second wiring plates are connected through respective slots.

15. (New) The sheet chemical cell according to claim 14, wherein the slots are filled with an insulating sealant.

16. (New) The sheet chemical cell according to claim 14, wherein the first wiring plates and the second wiring plates are electrically connected with each other.

17. (New) The sheet chemical cell according to claim 14, which further comprises a plastic sheet as a cover of the sheet chemical cell.

18. (New) The sheet chemical cell according to claim 17, wherein the first and second wiring plates and the plastic sheet are provided with through-holes through which fuel and oxygen are supplied.

19. (New) The sheet chemical cell according to claim 14, wherein the slots are formed around the cathodes and anodes.

20. (New) The sheet chemical cell according to claim 14, wherein respective slots are positioned between adjacent anodes and adjacent cathodes.

21. (New) The sheet chemical cell according to claim 14, wherein a slot, of said slots, is independently provided between every two adjoining anodes and between every two adjoining cathodes.

22. (New) The sheet chemical cell according to claim 21, wherein not every slot is used for electrical connection.

23. (New) The sheet chemical cell according to claim 14, wherein not every slot is used for electrical connection.